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Dated: August 3, 2005

Signature:

*Jodi Lee Mullins*  
Jodi Lee Mullins

Docket No.: JHUC-P01-016  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Beachy, et al.

Application No.: 09/688,076

Confirmation No.: 8453

Filed: October 13, 2000

Art Unit: 1623

For: **REGULATORS OF THE HEDGEHOG  
PATHWAY, COMPOSITIONS AND USES  
RELATED THERETO**

Examiner: LEWIS, Patrick T.

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND REPLY UNDER 37 CFR § 1.116**

Sir:

This Reply is being filed in reply to the outstanding Final Office Action, mailed May 5, 2005 in connection with the above application. Please enter the following amendments: